US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145b)
805 Frontage Road
Suite 200C
Kenai, Alaska 99611-7755

PUBLIC NOTICE DATE: March 13, 2006

EXPIRATION DATE: April 12, 2006

REFERENCE NUMBER: POA-2006-153-4

WATERWAY: Kachemak Bay

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Sunset View Estates, LLC., P.O. Box 49, Homer, Alaska 99603; (907) 235-6003.

LOCATION: Foothills Subdivision, Sunset View Estates Number 2, within the NW ¼ NW ¼ Section 19, T. 6 S., R. 13 W., Seward Meridian, in Homer, Alaska; Kenai Peninsula Borough Parcel Number 175-102-16, and; Latitude 59.6463° N, Longitude 151.5713° W; USGS Topo Map Seldovia C-5 NE.

WORK: The proposed project is to discharge material and grade excavated material into wetlands to construct several roads, 48 single-family homes, and utility lines. The work would involve the discharge of approximately 18,839 cubic yards of native organic, clay and silt soils as well as imported sand and gravel into approximately 1.75 acres of wetlands for the construction of 48 driveways and single-family homes, the discharge of approximately 8,000 cubic yards of material into 1.83 acres of wetlands for the construction of residential streets through the new subdivision, as well as the excavation and backfilling of native material into 0.97 acres of wetlands for the installation of sewer, water, telephone, video and electric lines. The total project would involve the discharge of material into approximately 4.55 acres of wetlands.

A summary on the proposed discharge of fill material for each lot can be found on Attachment 1.

PURPOSE: The applicants stated purpose if to provide lots for residential use in Homer, Alaska.

ADDITIONAL INFORMATION: For project specific information, please contact the applicant's agent, Mr. Blake Larson, William A. Nelson & Associates, at (907) 283-3583.

Foothills Subdivision Sunset View Estates Addition No. 2 is a 41.57 acre proposed development, of which 9.9 acres, on the southern end, have been identified as wetlands. In addition, there are several streams located within the 41.67 acre parcel, which extend into the wetlands and drain into Kachemak Bay. Development

of individual lots as residential home sites would require clearing, excavation and placement of fill in wetland areas.

There is no permit history on the subject parcel. The applicant still retains all lots within the subdivision and has indicated that they intend to sell individual lots with the road, driveway, home and utilities constructed. Sunset View Estates, LLC. anticipates full development of the subdivision would take approximately 20 years. If the evaluation of the proposal leads to a decision to issue the permit, the Corps will also consider allowing for a 20 year construction period to the authorization.

MITIGATION: As a result of early project planning, the applicant has incorporated into the subdivision and proposed project the following mitigation efforts to reduce impacts to the aquatic environment:

1. Reduction in number of home sites through increase in lot size.
Although the minimum lot size in the Rural Residential zone is 10,000 square feet with city water and sewer service, the average lot size in Foothills Subdivision Sunset View Estates Addition No.2 is **15,126** square feet. There are 92 lots, in an area that could have been subdivided into 139 lots, which represents a **reduction of 34%** in the number of home sites. Reducing the number of home sites **avoids** wetland impacts by reducing the total disturbed area and fill required for buildings, driveways, and trenching for utility service lines.

2. Reduction in the estimated size of homes to be constructed.
All lots in Foothills Subdivision Sunset View Estates Addition No. 2 are intended to be sold to individual property owners in a developed condition. Since the developers may have varying plans for the future, the time line for full build out is estimated to be 20 years. According to "Housing Facts, Figures and Trends, August 2005", a recent study by the National Association of Home Builders, the average new American home size in 1950 was 983 square feet. In 1970 the average new size was 1,500 square feet, in 1990 the average size was 2,080 square feet and in 2004 the average home size was 2,349 square feet. Using a linear regression series extrapolation to 2024, we have estimated that the average home size would be 2,902 square feet.

Home size estimates typically do not include non-living space such as garages and outbuildings. Conversely, two car garages are common in modern homes built in Alaska communities such as Homer that are located on the road system. Adding a 600 square foot (25'x24'), two car garage to the estimated typical home size of 2,902 square feet would result in a total estimated 'footprint' of 2,902+600=3,502 square feet. The Urban Residential Zone allows development of duplex residential units. It is estimated that individual units in a duplex would be smaller than a single family residence, but that the combined area would be larger than a typical single family house.

In order to **reduce building footprint wetland impacts by an additional 15 to 30%,** the total footprint used for determination of fill areas and fill quantities are based on the construction of a house and garage with a 2,500 to 3,000 square foot footprint instead of 3,502 square feet. Single story homes will require a 3,000 square foot building footprint. The developers will be constructing approximately 50% single story homes and will locate them within partial wetland lots if at all possible.

3. Location of building on lot.
Several design parameters have been used in determining the proposed location of buildings on individual lots. Buildings have been set back a minimum of 15 feet from seasonal drainages in order to preserve natural vegetation and hydraulic characteristics of the drainage. Buildings are set back a minimum of 5 feet from property lines in order to provide vegetation around buildings that will help to retain and reduce storm water runoff. Buildings are set back a minimum of 20 feet

from property lines adjacent to streets in order to provide vegetation around buildings that will retain and reduce storm water runoff.

4. Site grading, fill and storm water runoff.
Careful attention was given to site grading in order to minimize wetland impact. City of Homer Building Code requires that the site be graded to drain away from the building at a minimum slope of 2% for a distance of 10 feet away from the building. The proposed plans **minimize** disturbance of wetland areas by limiting excavation and fill around the rear and sides of buildings to 10 feet beyond the building perimeter.

Vegetation in front yard areas will typically be disturbed by trenching to install water, sewer, telephone, electric and video utilities. Trench depth will vary from 3 feet to 9 feet and trench width will vary from 4 feet to 16 feet, with an average width of 10 feet. Homeowner's typically wanted to have some area filled to a relatively smooth grade to provide for parking and outdoor recreational use. In order to **minimize** wetland impacts, the proposed individual lot development plans show overburden fill areas wider than 10 feet located between the house and the street, where the vegetation and natural grade will be disturbed by installation of utilities.

Unsuitable soils will need to be excavated from under the building and replaced with imported gravel to provide a stable foundation pad for the building. Typical excavation will extend to 6 feet below grade as required to provide extend footings below the seasonal freeze depth and to provide a 2 foot lift of gravel bearing material under the footing. Excavated material will be incorporated into onsite fills in order to **reduce the energy needs** that would be required to haul excavated material to an off site upland location.

A storm water runoff analysis was completed for this subdivision within the wetlands area based off of a 2-year, 6-hour duration storm. The pre-construction runoff within the wetlands is approximately 4,020 cubic feet. Post development runoff volume was estimated to be approximately 10,194 cubic feet. The increased volume of runoff due to site development is approximately 6,174 cubic feet. To find the required volume per lot we divide 6,174 cubic feet by 41 lots within the wetland area and get an average of 150 cubic feet of additional storm water runoff per lot. To reduce the effects of additional site runoff, we will install storm runoff detention ponds on each lot. The detention ponds will be sized as required to have a 150 cubic foot retention capacity. During a typical storm event, individual properties will retain their storm water onsite within the retention ponds. We are trying to reduce the cumulative effects of additional site runoff.

The development of streets within the public right of way (ROW) has an increased storm water runoff of approximately 4,200 cubic feet. To mitigate the effects of additional runoff within the ROW, we will install the driveway culverts approximately 6"-12" above the flow line of the ditch. By installing the driveway culverts above the flow line elevation we can create retention ponds along the roadside. There are a minimum of 12 potential driveways that can be constructed in a manner to retain additional storm water runoff. Each driveway detention pond will be sized to retain 350 cubic feet of drainage for a system total of 4,200 cubic feet. As with the individual lot retention ponds, the roadside ditch pond will effectively reduce the effects from increased runoff.

5. Driveways and parking areas.
It is estimated that typical outdoor parking requirements include two cars. Homer lifestyle choices often include a boat, off-road vehicle or snow machine in addition to highway vehicles. Adequate off street parking must be provided on each individual lot. Guest parking for at least two vehicles is also desired. Optimum parking fill area requirements are calculated as follows:

Two highway vehicles:	2x9'x20'=	360 sf
24' boat and trailer:	10'x30'=	300 sf

Double snow machine trailer:	9'x20'=	180 sf
Maneuvering space	24'x(9'+9+10+9)=	744 sf
Driveway	16'x20' =	320 sf
		1904 sf

In order to **reduce** the impact on wetlands, the typical site development denotes driveway and parking areas in the range of 600 to 1,300 square feet, with an average of around 800 sf.

The impact on site drainage has been minimized for driveways over 50ft, by limiting driveway widths to 12 feet and providing parking areas close to the building so that parking areas can overlap the building fill pad. Short driveways, less than 50ft in length, will have 18 foot widths to accommodate two vehicles. Short Driveways less than 50 ft in length are typically going to have approximately a 600 sf area and longer driveways will typically be 900 sf in total area.

6. Water and sewer utilities.
Individual water supply systems are not allowed in Foothills Subdivision Sunset View Estates Addition No. 2. Construction of water wells on parcels smaller than 20,000 square feet is not allowed by the Alaska Department of Environmental Conservation. Connection of each lot to the City water system will **enhance public health** by providing clean potable water. Onsite domestic wastewater disposal systems are not allowed in Foothills Subdivision Sunset View Estates Addition No. 2. Construction of onsite wastewater disposal systems on parcels smaller than 20,000 square feet is not allowed by the Alaska Department of Environmental Conservation. Providing connection to the sewer main is the **preferred alternative** to constructing individual onsite wastewater disposal systems on each lot. City of Homer water and sewer mains will be extended into Foothills Subdivision Sunset View Estates Addition No. 2 and service lines will be extended to each lot. Potable water will be supplied by the City of Homer's water treatment facility which is regulated and permitted by the State of Alaska. Wastewater collected from Foothills Subdivision Sunset View Estates Addition No. 2 is routed to the City of Homer's wastewater treatment facility which is regulated and permitted by the State of Alaska.

7. Electric, telephone and video utilities.
Electric, telephone and video utilities will be installed underground and service lines will be extended underground to each lot. Utilities will be installed underground to provide increased reliability and improved aesthetics. The HEA, GCI, and ACS utilities will be installed within a 10' utility easement within the ROW. Typically these utility lines will be installed 3 feet below finished grade. All utility services will be stubbed out to the property lines.

8. Streets
The subdivision streets will be paved in order to reduce maintenance costs and generation of airborne dust that occurs on unpaved roads. Individual property owners will be encouraged to pave driveways in order to minimize dust and transport of sediment on vehicle tires and to revegetate adjoining land to provide filtration/sedimentation and retention of storm water runoff from paved areas. The typical road section is 38 feet wide from ditch line to ditch line and a total of 100 cubic feet of material per linear foot of road. The total fill area for the road improvements will be approximately 1.83 acres and require a fill volume of approximately 8,000 cubic yards.

ALTERNATIVES ANALYSIS: While not necessary for a complete application, an alternative analysis is required by the EPA's Section 404(b)(1) guidelines prior to the DA rendering a permit decision. The applicant has chosen to provide their alternative analysis with the application. The applicant's alternative analysis and conclusions are provided below:

1. Availability of upland sites. Recent re-mapping within the City of Homer has increased identified wetlands from approximately 1,500 acres to over 3,000 acres. Very little upland property in Homer is suitable for development due to steep grades, typically exceeding 25%. The discharge slope wetland areas are relatively flat, with grades ranging between 8% and 12%.

2. Building foundation systems. Structures built within Foothills Subdivision Sunset View Estates Addition No. 2 must comply with the City of Homer Building Code. Code requirements include provision of permanent foundations under residential structures. Conventional cast in place concrete footings are anticipated for all houses to be constructed in Foothills Subdivision Sunset View Estates Addition No. 2. Elevated structures on pile foundations were considered as a means to reduce wetland impact. It is estimated that a conventional concrete stem wall footing around a 3,000 square foot (50'x60') house would cost approximately $12,000. Forty-two driven piles located on a 10'x10' grid, at $750 per pile would cost approximately $31,500. The cost of a pile foundation was therefore determined to be uneconomical. If the building was elevated an adequate distance to preserve natural vegetation, the floor height above surrounding grade would be excessive and impractical.

As a result of this analysis, it was determined that conventional spread concrete foundations were the most **economical practical alternative**.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Section 307(c)(3) of the Coastal Zone, Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the Alaska Coastal Management Program. A permit will not be issued until the Office of Project Management and Permitting, Department of Natural Resources has concurred with the applicant's certification.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: No threatened or endangered species are known to use the project area. Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS).

We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Ms. Lisa M. Gibson at (907) 283-3519 or by email at lisa.m.gibson@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

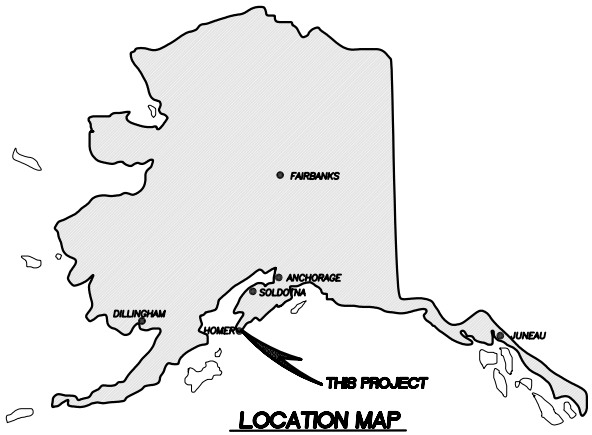
(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest

review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

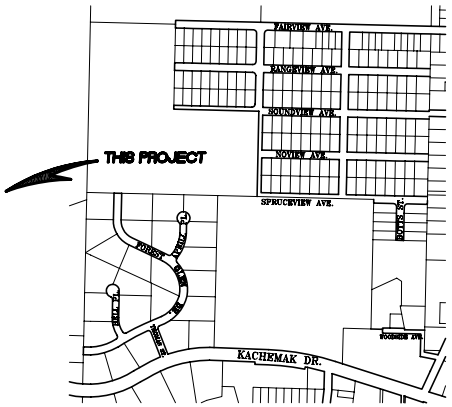
A plan, Notice of Application for Certification of Consistency with the Alaska Coastal Management Program, and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments



LOCATION MAP



VICINITY MAP

DEVELOPMENT PLAN
for
FOOTHILLS SUBDIVISION

WILLIAM J. NELSON & ASSOCIATES
CONSULTING ENGINEERS–STRUCTURAL/CIVIL
155 BIDARKA ST.
KENAI, ALASKA 99611
(907) 283–3583

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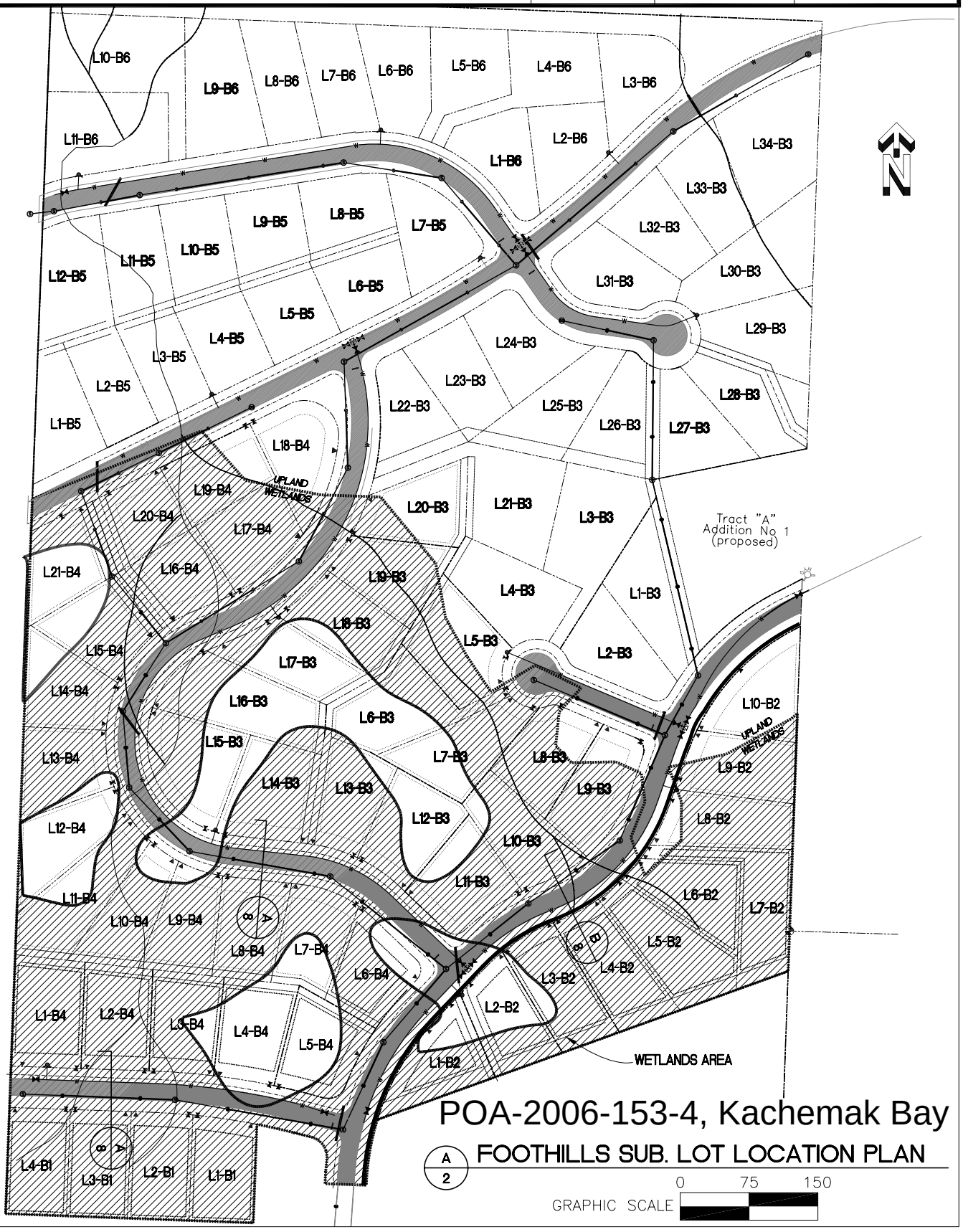

POA-2006-153-4, Kachemak Bay

A/2 FOOTHILLS SUB. LOT LOCATION PLAN

GRAPHIC SCALE 0 75 150

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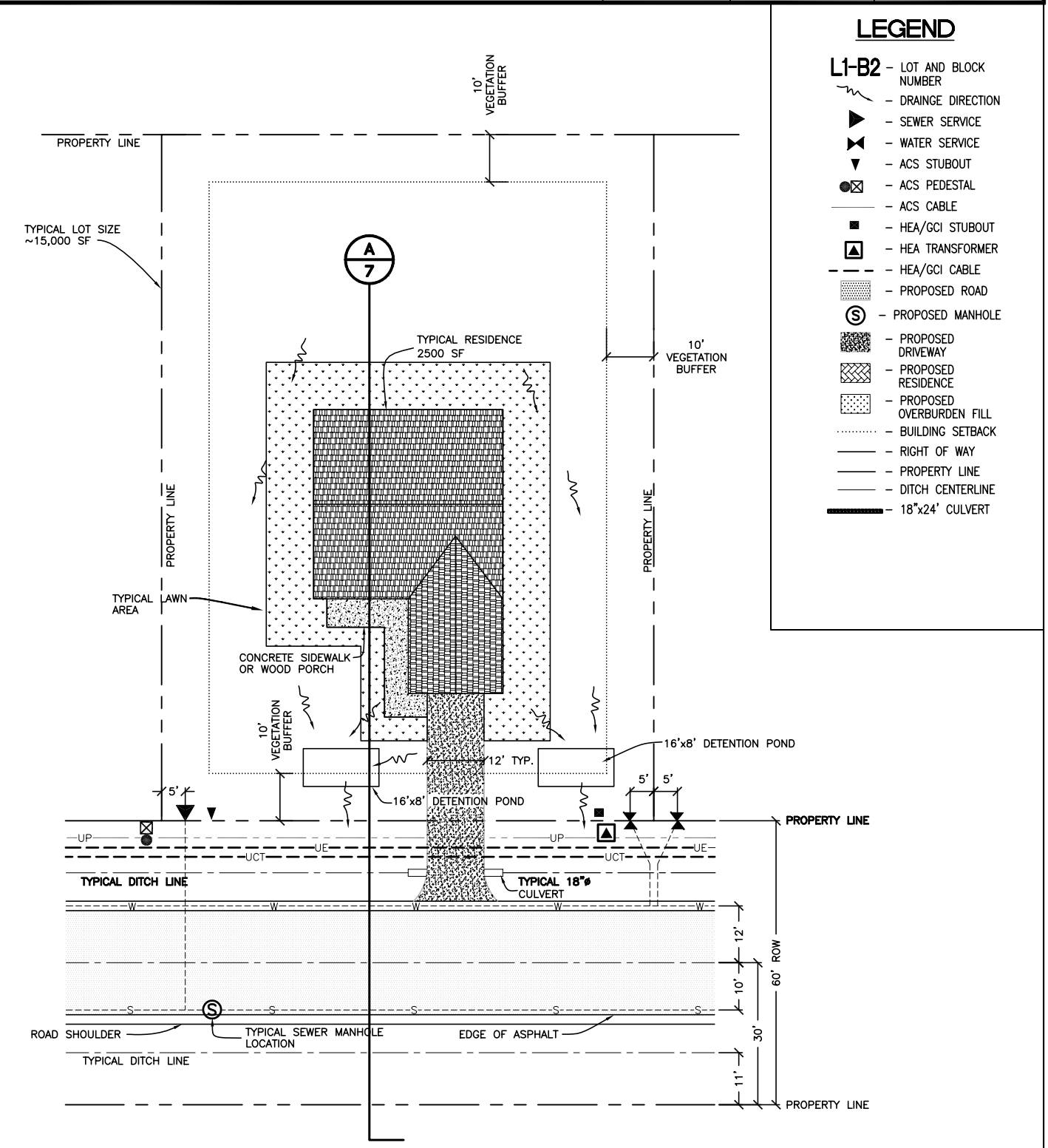

A 3 TYPICAL UPHILL LOT PLAN

GRAPHIC SCALE 0 15 30

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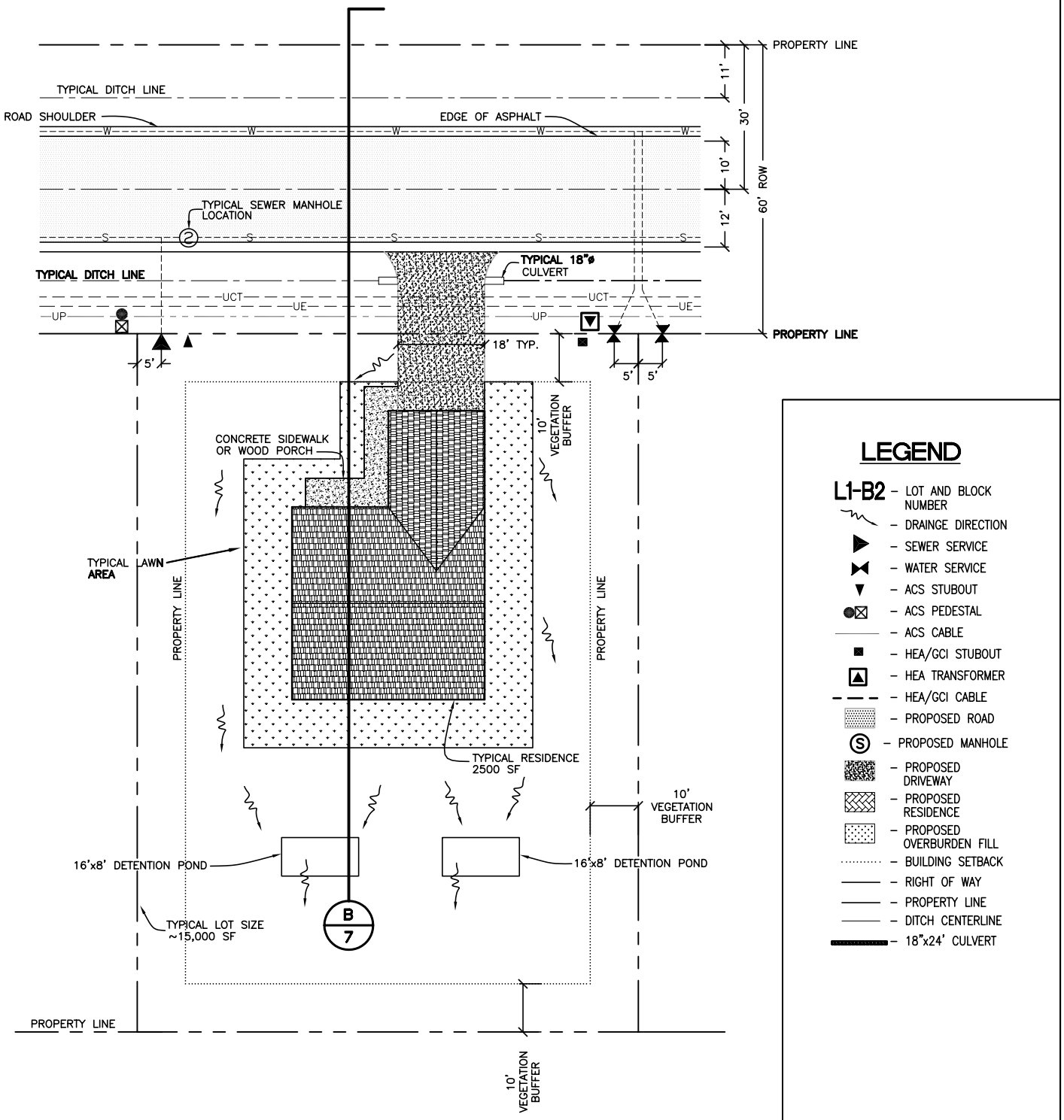

LEGEND

- L1-B2 – LOT AND BLOCK NUMBER
- – DRAINGE DIRECTION
- – SEWER SERVICE
- – WATER SERVICE
- – ACS STUBOUT
- – ACS PEDESTAL
- – ACS CABLE
- – HEA/GCI STUBOUT
- – HEA TRANSFORMER
- – HEA/GCI CABLE
- – PROPOSED ROAD
- (S) – PROPOSED MANHOLE
- – PROPOSED DRIVEWAY
- – PROPOSED RESIDENCE
- – PROPOSED OVERBURDEN FILL
- – BUILDING SETBACK
- – RIGHT OF WAY
- – PROPERTY LINE
- – DITCH CENTERLINE
- – 18"x24' CULVERT

A/4 TYPICAL DOWNHILL LOT PLAN

GRAPHIC SCALE 0 15 30

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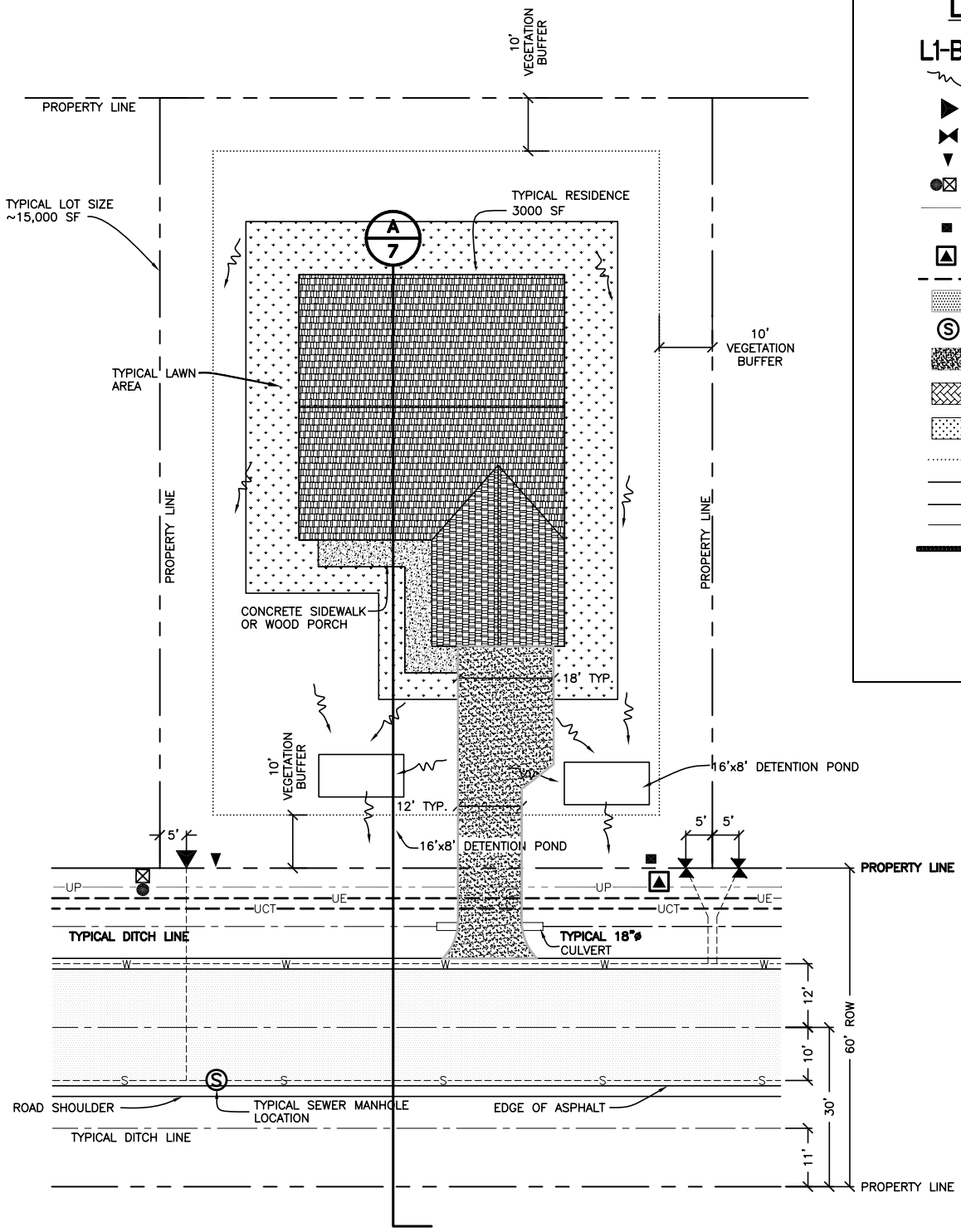

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A 5 TYPICAL UPHILL LOT PLAN

GRAPHIC SCALE 0 15 30

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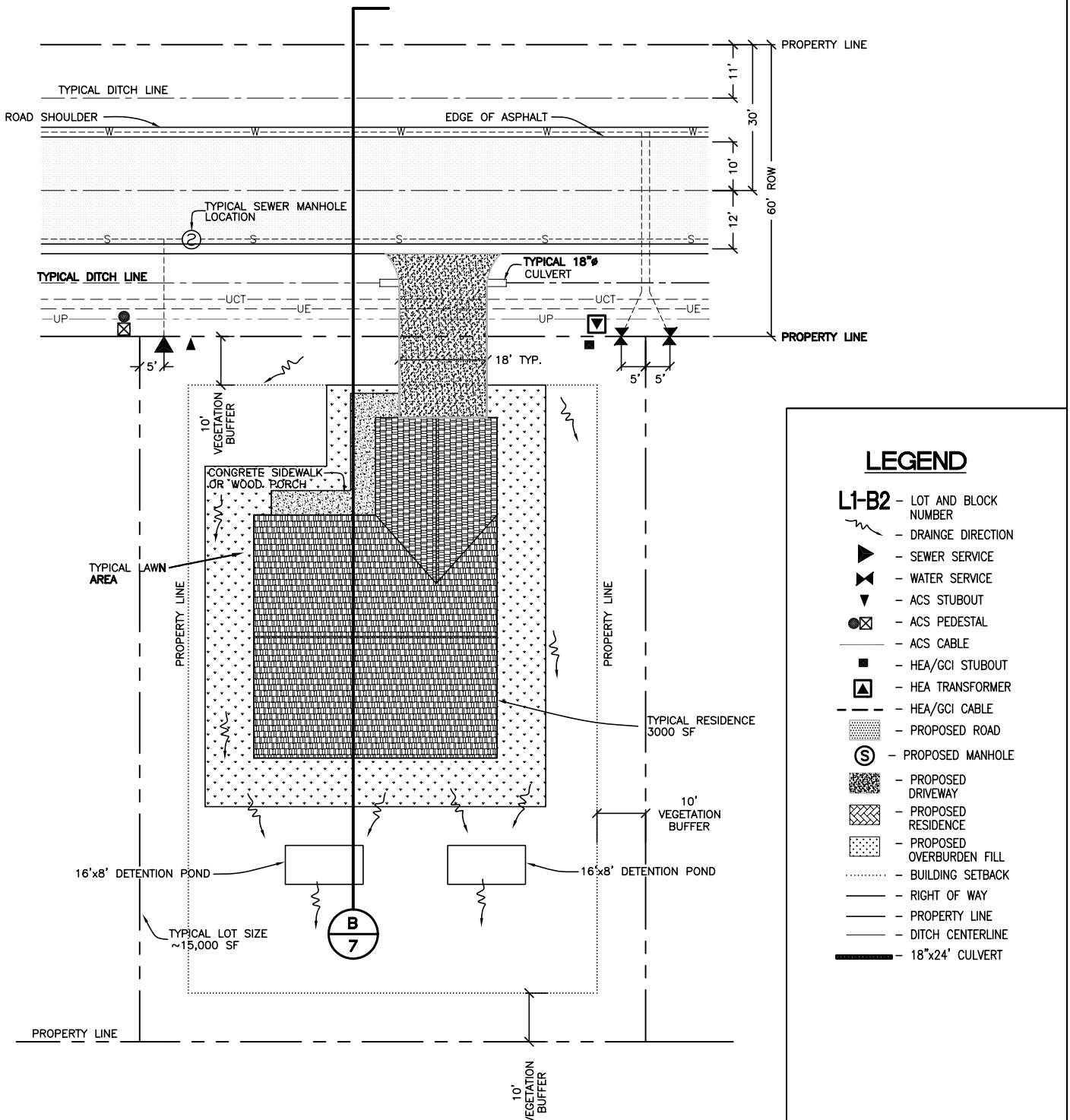

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A/6 TYPICAL DOWNHILL LOT PLAN

GRAPHIC SCALE 0 15 30

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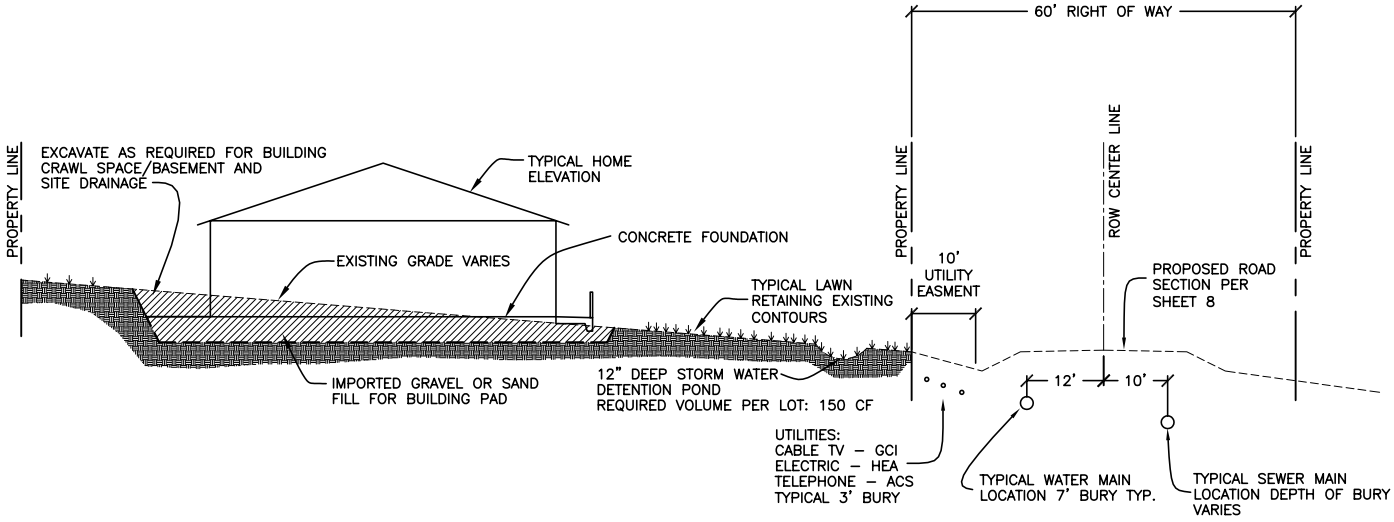

A/7 TYPICAL UPHILL LOT SECTION

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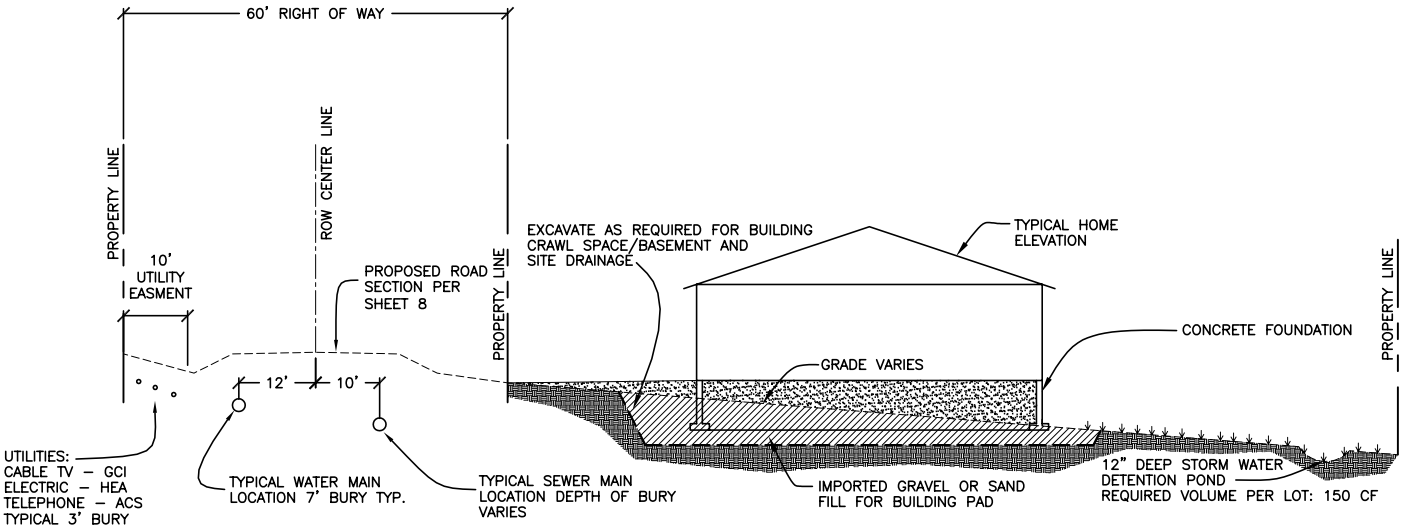

B/7 TYPICAL DOWNHILL LOT SECTION

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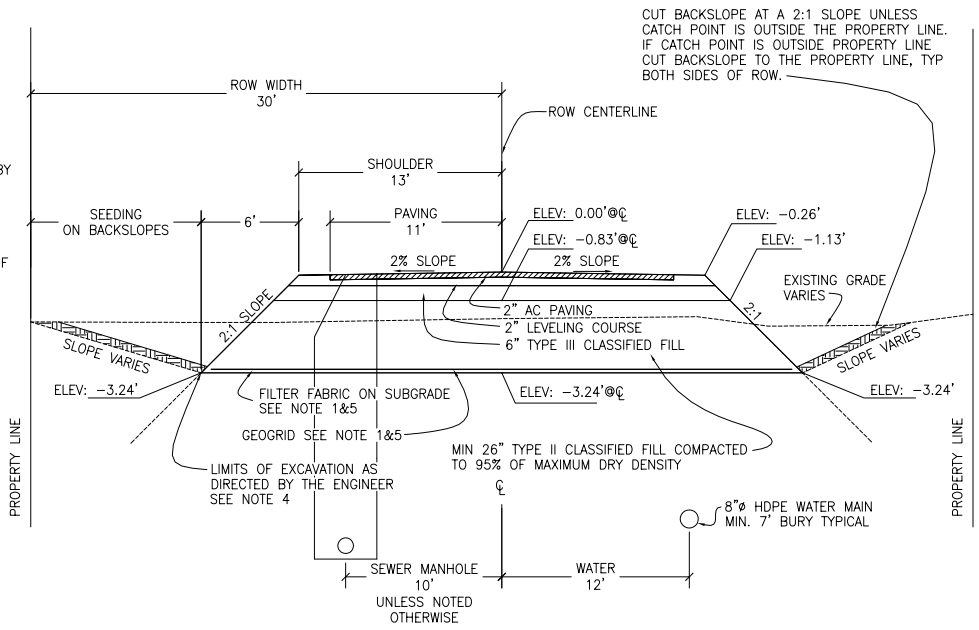
NOTES

1.) PLACE GEOGRID AND FILTER FABRIC A MINIMUM OF 1' AND A MAXIMUM OF 2' FROM EACH EDGE OF THE EXCAVATION.
2.) COMPACT ALL FILL AND PAVING TO 95% OF MAXIMUM DENSITY.
3.) TYPICAL SECTION IS SYMETRICAL ABOUT ROAD CENTERLINE.
4.) EXCAVATE BEYOND LIMIT INDICATED WHERE DIRECTED BY THE ENGINEER AND BACKFILL WITH TYPE II CLASSIFIED FILL.
5.) GEOTEXTILE FABRIC SHALL BE JOINED WITH ADJACENT PIECES OF FABRIC BY OVERLAPPING. SECTIONS SHALL BE OVERLAPPED A MINIMUM OF THREE FEET (3'). GEOGRID REINFORCEMENT SHALL BE LAPPED A MINIMUM OF ONE AND ONE-HALF FEET(1 1/2') AT ALL JOINTS.



A/8 TYPICAL STREET SECTION

SCALE: NTS

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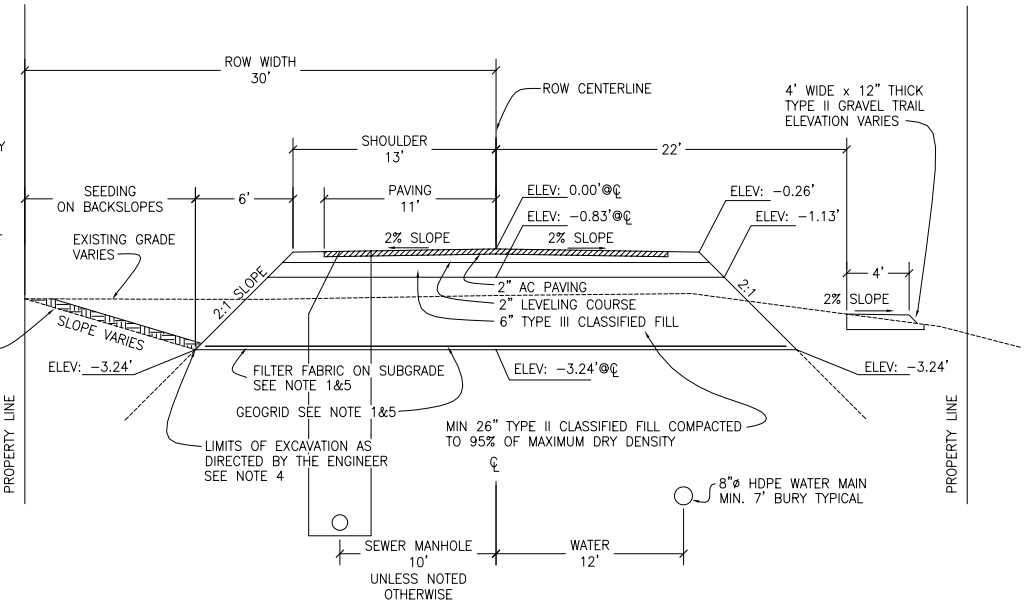
4.) EXCAVATE BEYOND LIMIT INDICATED WHERE DIRECTED BY THE ENGINEER AND BACKFILL WITH TYPE II CLASSIFIED FILL.
5.) GEOTEXTILE FABRIC SHALL BE JOINED WITH ADJACENT PIECES OF FABRIC BY OVERLAPPING. SECTIONS SHALL BE OVERLAPPED A MINIMUM OF THREE FEET (3'). GEOGRID REINFORCEMENT SHALL BE LAPPED A MINIMUM OF ONE AND ONE-HALF FEET(1 1/2') AT ALL JOINTS.

CUT BACKSLOPE AT A 2:1 SLOPE UNLESS CATCH POINT IS OUTSIDE THE PROPERTY LINE. IF CATCH POINT IS OUTSIDE PROPERTY LINE CUT BACKSLOPE TO THE PROPERTY LINE, TYP BOTH SIDES OF ROW.



POA-2006-153-4, Kachemak Bay

B/8 SOUNDVIEW AVE. TYPICAL STREET SECTION

SCALE: NTS

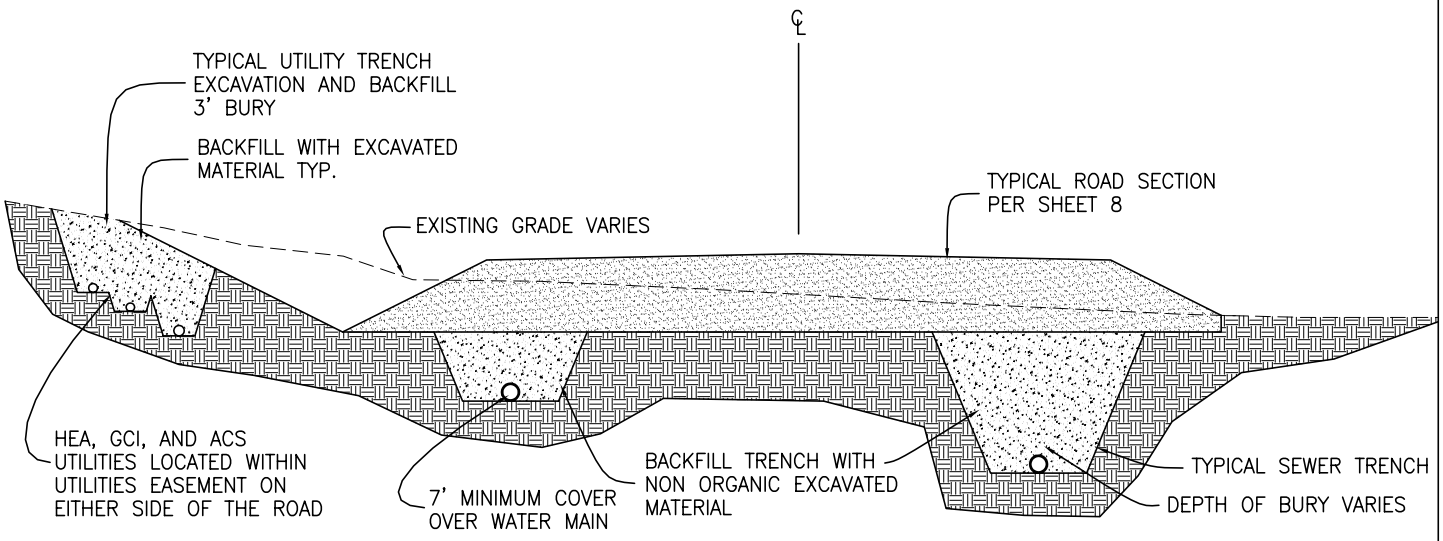
Wm. J. Nelson & Associates

CONSULTING ENGINEERS

STRUCTURAL/CIVIL

155 Bidarka St. KENAI, AK 99611 (907) 283 - 3583

PROJECT		PROJECT NO.
FOOTHILLS SUBDIVISION WETLANDS FILL PLAN		0523
DATE 2/28/06	ENGINEER BWL	SHEET 9 OF 11



A/9 UTILITY TRENCH SECTION WITH ROW

SCALE: NTS

POA-2006-153-4, Kachemak Bay

Attachment 1

Wm. J. Nelson & Associates
CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 Bidarka St. KENAI, AK 99611 (907) 283 - 3583

PROJECT: FOOTHILLS SUBDIVISION WETLANDS FILL PLAN
PROJECT NO.: 0523
DATE: 2/28/06
ENGINEER: BWL

LOT-BLOCK	LOT AREA (SF)	FILL (AREA, SF)	FILL (VOLUME, CY)	UTILITY TRENCH (AREA, SF)	LONG DRIVEWAY OVER 50 FT IN LENGTH
L1–B1	13,800	5400	530	1,200	YES
L2–B1	13,770	5100	500	1300	NO
L3–B1	13,682	5400	530	1,300	YES
L4–B1	13,635	5100	500	1300	NO
L1–B2	9,952	2400	240	0	NO
L2–B2	5,623	300	30	0	NO
L3–B2	13,263	5600	600	200	NO
L4–B2	15600	5100	500	900	NO
L5–B2	17,690	6500	630	780	YES
L6–B2	14,000	5100	500	1500	NO
L7–B2	16760	5700	550	0	YES
L8–B2	14,070	5100	500	500	NO
L9–B2	14,290	5100	500	500	NO
L5–B3	17,200	3000	310	0	NO
L6–B3	19,570	1600	75	0	YES
L7–B3	14,600	2600	250	2,100	YES
L8–B3	14,110	3800	370	0	NO
L9–B3	14,540	4800	490	500	NO
L10–B3	14,460	5300	520	1,100	YES
L11–B3	14,980	3800	340	1000	YES
L12–B3	15,100	1600	140	1,000	NO
L13–B3	14,550	6100	600	1600	NO
L14–B3	16,870	6100	600	1,700	NO
L15–B3	17,100	2800	300	800	NO
L16–B3	20,200	800	50	500	NO
L17–B3	14,510	600	40	600	NO
L18–B3	14,510	5100	500	900	NO
L19–B3	14,280	6300	615	1200	YES
L20–B3	14,440	1300	100	1,200	NO
L1–B4	16,025	5100	500	1,200	NO
L2–B4	14,490	5100	500	1400	NO
L3–B4	14,370	3600	325	650	NO
L4–B4	14,370	0	0	0	NO
L5–B4	14,340	800	50	300	NO
L6–B4	13,500	4500	450	600	NO
L7–B4	13,550	3300	300	1500	NO
L8–B4	13,600	5400	530	1,400	YES
L9–B4	13,350	5400	530	800	YES
L10–B4	13,600	5200	515	400	YES
L11–B4	17,500	3800	340	1700	YES

Attachment 1

Wm. J. Nelson & Associates
CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 Bidarka St. KENAI, AK 99611 (907) 283 - 3583

PROJECT		PROJECT NO.
FOOTHILLS SUBDIVISION WETLANDS FILL PLAN		0523
DATE 2/28/06	ENGINEER BWL	SHEET 11 OF 11

LOT-BLOCK	LOT AREA (SF)	FILL (AREA, SF)	FILL (VOLUME, CY)	UTILITY TRENCH (AREA, SF)	LONG DRIVEWAY OVER 50 FT IN LENGTH
L12–B4	14,000	300	50	200	NO
L13–B4	13,770	5100	510	800	NO
L14–B4	14,000	5100	510	750	NO
L15–B4	14,000	3600	325	1600	NO
L16–B4	14,000	5100	510	1,200	NO
L17–B4	14,000	5100	510	1,200	NO
L18–B4	14,230	0	0	0	NO
L19–B4	13,300	3400	310	900	NO
L20–B4	13,300	5100	510	800	NO
L21–B4	13,300	2600	230	1000	NO
TOTAL		76,402 1.75 ACRES	18,839	42,080 0.97 ACRES	

TOTAL FILL AREAS FOR STREETS WITHIN THE RO 1.83 acres
OR STREETS WITHIN THE ROW : 8000 CUBIC YARDS

FRANK H. MURKOWSKI, GOVERNOR

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER
401 Certification Program
Non-Point Source Water Pollution Control Program

NOTICE OF APPLICATION
FOR
STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA-2006-153, Kachemak Bay, serves as application for State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-7564
FAX: (907) 269-7508

Attachment 2

FRANK H. MURKOWSKI, GOVERNOR

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF PROJECT MANAGEMNT AND PERMITTING

ALASKA COASTAL ZONE MANAGEMENT
550 WEST 7TH AVENUE, SUITE 1660
ANCHORAGE, ALASKA 99501-3568

NOTICE OF APPLICATION
FOR
CERTIFICATION OF CONSISTENCY WITH THE
ALASKA COASTAL MANAGEMENT PROGRAM

Notice is hereby given that a request is being filed with the Office of Project Management and Permitting for a consistency determination, as provided in Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended [16 U.S.C. 1456(c)(3)], that the project described in the Corps of Engineers Public Notice No. **POA-2006-153, Kachemak Bay,** will comply with the Alaska Coastal Management Program and that the project will be conducted in a manner consistent with that program.

The Office of Project Management and Permitting requests your comments, particularly on the proposed project's consistency with the affected local coastal district management program. For more information on the consistency review contact OPMP at (907) 269-7470 or (907) 465-3562, or visit the ACMP web site at http://www.gov.state.ak.us/gdc/Projects/projects.html.

Attachment 3